



SEQUENCE LISTING

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<110> SETO, MINORU
FUKUDA, KOUICHIROU
<120> METHOD OF CONTROLLING SECRETION OF GRANULES
<130> ASAHI-3-PC-1
<140> 09/806,382
<141> 2001-03-29
<150> PCT/JP99/05302
<151> 1999-09-28
<150> JP 10/274574
<151> 1998-09-29
<160> 4
<170> PatentIn Ver. 2.1
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cac aag tac tcc ctg ata aag ggg aat ttc cat gcc gtc tac agg gat 96
His Lys Tyr Ser Leu Ile Lys Gly Asn Phe His Ala Val Tyr Arg Asp
20 25 30

gac ctg aag aaa ttg cta gag acc gag tgt cct cag tat atc agg aaa 144
Asp Leu Lys Lys Leu Leu Glu Thr Glu Cys Pro Gln Tyr Ile Arg Lys
35 40 45

aag ggt gca gac gtc tgg ttc aaa gag ttg gat atc aac act gat ggt 192
Lys Gly Ala Asp Val Trp Phe Lys Glu Leu Asp Ile Asn Thr Asp Gly
50 55 60

gca gtt aac ttc cag gag ttc ctc att ctg gtg ata aag atg ggc gtg 240
Ala Val Asn Phe Gln Glu Phe Leu Ile Leu Val Ile Lys Met Gly Val
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 aac acc ttc cac caa tac tct gtg aag ctg ggg cac cca gac acc ctg 96
 Asn Thr Phe His Gln Tyr Ser Val Lys Leu Gly His Pro Asp Thr Leu
 20 25 30

 aac cag ggg gaa ttc aaa gag ctg gtg cga aaa gat ctg caa aat ttt 144
 Asn Gln Gly Glu Phe Lys Glu Leu Val Arg Lys Asp Leu Gln Asn Phe
 35 40 45

 ctc aag aag gag aat aag aat gaa aag gtc ata gaa cac atc atg gag 192
 Leu Lys Lys Glu Asn Lys Asn Glu Lys Val Ile Glu His Ile Met Glu
 50 55 60

 gac ctg gac aca aat gca gac aag cag ctg agc ttc gag gag ttc atc 240
 Asp Leu Asp Thr Asn Ala Asp Lys Gln Leu Ser Phe Glu Glu Phe Ile
 65 70 75 80

 atg ctg atg gcg agg cta acc tgg gcc tcc cac gag aag atg cac gag 288
 Met Leu Met Ala Arg Leu Thr Trp Ala Ser His Glu Lys Met His Glu
 85 90 95

 ggt gac gag ggc cct ggc cac cac cat aag cca ggc ctc ggg gag ggc 336
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 Thr Pro

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 His Lys Tyr Ser Leu Ile Lys Gly Asn Phe His Ala Val Tyr Arg Asp
 20 25 30

 Asp Leu Lys Lys Leu Leu Glu Thr Glu Cys Pro Gln Tyr Ile Arg Lys
 35 40 45

Lys Gly Ala Asp Val Trp Phe Lys Glu Leu Asp Ile Asn Thr Asp Gly
 50 55 60

Ala Val Asn Phe Gln Glu Phe Leu Ile Leu Val Ile Lys Met Gly Val
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 20 25 30

Asn Gln Gly Glu Phe Lys Glu Leu Val Arg Lys Asp Leu Gln Asn Phe
 35 40 45

Leu Lys Lys Glu Asn Lys Asn Glu Lys Val Ile Glu His Ile Met Glu
 50 55 60

Asp Leu Asp Thr Asn Ala Asp Lys Gln Leu Ser Phe Glu Glu Phe Ile
 65 70 75 80

Met Leu Met Ala Arg Leu Thr Trp Ala Ser His Glu Lys Met His Glu
 85 90 95

Gly Asp Glu Gly Pro Gly His His His Lys Pro Gly Leu Gly Glu Gly
 100 105 110

Thr Pro